

**INVASIVE SPECIES CONTROL PROJECTS (R1 SMALL GRANTS)
2015 FINAL REPORT**

Project Title: Control of Tree of Heaven and Russian Olive on Wallula Unit

Station: McNary NWR

Contact Person: Lamont Glass

Project Description:

Control of tree of heaven (*Ailanthus altissima*) and Russian olive (*Elaeagnus angustifolia*) on the Wallula Unit of McNary NWR through cut stump treatments.

Invasive Species Targeted: tree of heaven (*Ailanthus altissima*), Russian olive (*Elaeagnus angustifolia*).

Project Completion Date or Estimated Completion Date: December, 2015

Project Results:

Surveys performed in summer 2015 found that tree of heaven prevalence on the Wallula unit of McNary NWR was much higher than originally estimated, resulting in a workload that was greater than expected. The invasive species mapping crew conducted a thorough survey of the unit and found several additional infestations of which we were previously unaware. The mapping crew GPS'd all locations found on the Wallula unit. Treatment efforts focused on tree of heaven removal. The trees varied in size from seedlings/sprouts (the trees propagate vegetatively) to full-sized trees 25 to 30 feet tall with DBH of 12 to 15 inches. The majority of trees were under 12 feet tall and 6 inch DBH or less. All trees were cut and stumps were treated with Garlon 4. Large trees were cut with chain saws and smaller ones were cut with hand saws and loppers. The work was performed by various groups, including a saw crew from the SCA and the Mid-Columbia River fire crew and invasive crew. For the densest infestation, we filled several large dumpsters and hauled the material off for composting. Treatment of all known locations of this species on the Wallula unit should be completed by December 2015. Any resprouts will be treated in 2016.

Number of Acres Treated: Estimated: 4.5

Number of Acres Inventoried and/or Mapped:

Number of Acres Restored: Other than removal of tree of heaven, no additional restoration was attempted, except that cut material was removed from the most heavily infested area.

Total Grant Amount: \$15,000

Breakdown of Expenditures:

Category	Total \$ Spent	% of Total Grant
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Equipment/Supplies		
Chemical		
Biocontrol Agents		
Travel		
Biotech/Contractor Salary	\$15,000.00	100%
Restoration Materials		
Other (Describe)		
TOTAL	\$15,000.00	100%